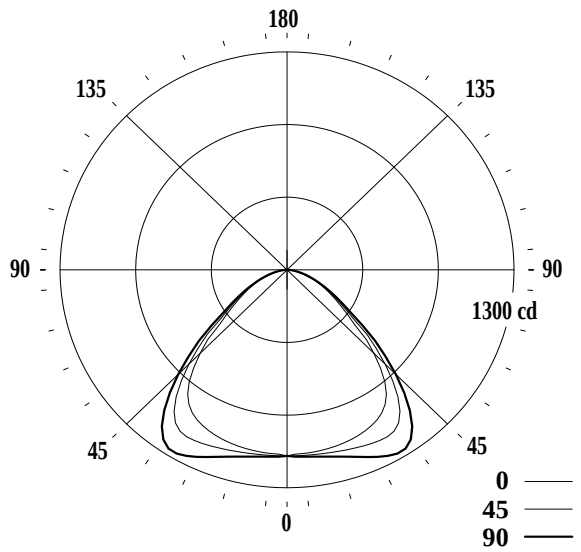
LEDALITE - SILKSPACE

TEST DATE:	23 Jun 2016	**CATALOG NO:**	**4214xxxxL8AE**
Lamp Type:	LED	**Description:**	SILKSPACE 1X4 3000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2983 lm 100.0%
Input Watts:	120 VAC 26.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 111.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1222 F36638Color F36637

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1110	1110	1110	1110	1110	
5	1100	1106	1111	1117	1119	106
15	1088	1100	1122	1145	1153	318
25	1059	1085	1144	1207	1231	530
35	980	1021	1114	1205	1236	686
45	703	731	794	855	880	609
55	379	388	411	434	447	378
65	215	218	224	229	233	224
75	91	94	99	103	105	106
85	17	20	22	24	25	26
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1110.0	0.0
Direct: Peak Candela & Angle (90deg)			1265.3	30.0
Spacing Criteria (0deg, 90deg, 180deg)		1.37	1.58	N/A
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		3.9000	0.8900	0.0000
UGR (4H x 8H, 0.25H)				17.5
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3944	0.3929	3766	0.0036
CRI (Ra), R9			82	2
120V: P(W), I(A), THD(%), PF	26.8	0.225	8.3	0.994
277V: P(W), I(A), THD(%), PF	26.7	0.101	12.2	0.950
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	110	106	102	99	108	104	101	100	97	94	87
2	102	94	88	83	99	92	87	89	84	80	75
3	93	84	77	71	91	82	76	79	74	69	65
4	86	75	67	61	84	74	66	71	65	60	56
5	80	68	59	53	78	67	59	64	58	52	49
6	74	61	53	47	72	60	52	59	51	46	44
7	68	56	47	42	67	55	47	53	46	41	39
8	64	51	43	37	62	50	43	49	42	37	35
9	60	47	39	34	58	46	39	45	38	33	31
10	56	43	36	30	55	43	35	42	35	30	28

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	954	32.0%	32.0%
0-40	1640	55.0%	55.0%
0-60	2627	88.1%	88.1%
0-90	2983	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	2983	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3441	3441	3441
5	3421	3458	3482
15	3490	3600	3701
25	3623	3911	4211
35	3708	4217	4676
45	3083	3480	3859
55	2048	2221	2414
65	1579	1642	1706
75	1084	1187	1260
85	612	790	886

LUMINAIRE SECTION

LEDALITE

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